

From glowbugs@theporch.com Wed Oct 16 11:18:58 1996
Return-Path: <glowbugs@theporch.com>
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com
(8.8.0/AUX-3.1.1) with SMTP id LAA24351; Wed, 16 Oct 1996 11:09:34 -0500 (CDT)
Date: Wed, 16 Oct 1996 11:09:34 -0500 (CDT)
Message-Id: <199610161609.LAA24351@uro.theporch.com>
Errors-To: conard@tntech.campus.mci.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 322
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 322

Topics covered in this issue include:

- 1) SAQ Alternator Test Transmission
by rdkeys@csemail.cropsci.ncsu.edu
- 2) apologies, RAS mod
by Conard Murray <conard@tntech.campus.mci.net>
- 3) Re: Need schematic for 6L6 or 6V6 homebrew transmitter
by bry@mnsinc.com (Bry)
- 4) RANDY, W4WYT
by "Brian Carling" <bry@mail1.mnsinc.com>

Date: Tue, 15 Oct 1996 14:30:56 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: SAQ Alternator Test Transmission
Message-ID: <9610151830.AA103876@csemail.cropsci.ncsu.edu>

The Alexanderson Alternator test on 17.2 khz will be changed slightly
in time from: 0945Z-1015Z 23 October 1996

to: 0900Z-0930Z 23 October 1996

according to news on the BA list from Sweden. That translates to about
5 am EST, by my book.

73/ZUT DE NA4G/Bob UP

Date: Tue, 15 Oct 1996 13:35:42 -0500
From: Conard Murray <conard@tnitech.campus.mci.net>
To: glowbugs@theporch.com
Subject: apologies, RAS mod
Message-ID: <1.5.4.32.19961015183542.006b9768@tnitech.campus.mci.net>

Hello all,

I must admit to being asleep at the wheel. A sudden flurry of work has kept me busy for 12 to 16 hours a day and I haven't been logging in to download anything. I got nailed by a good case of bronchitis Saturday night and I am finally moving around some. I logged on and spent a couple of hours downloading something like 1500 messages, many of which were error messages from the list. Will try to keep a closer watch from now on.

F.Y.I., my only e-mail address now is conard@tnitech.campus.mci.net so if you need anything send it to that address.

I was getting frustrated with the RAS (a Navy version of the HRO with a 175 KHz IF and no xtal selectivity) on the 80M TV rock QRG because of the broad IF response for CW. I ran across a mod for the ARC-5 receiver that told of adding regeneration to the 2nd IF amplifier so I thought that would be a good choice for the RAS. The rx already had a control-shaft sized hole in the proper place in the front panel (I didn't drill it ... it was already there when I got the rx) so I proceeded to disconnect the 2nd IF cathode from the gain control bus and wired in a 5K pot from the cathode to ground. I made sure that the cathode was bypassed properly at the socket. Next, I unplugged the 2nd IF amp tube and soldered a wire on the plate lead. I replaced the tube and wound a couple of turns around the grid lead connecting to the cap on the top of the tube.

The regeneration works ok in that the selectivity is greatly improved ... almost to a xtal level of single-signal.... especially after repeaking the IF chain. I think this method would work better if I had more audio gain and better control of the RF gain. It seems that RAS does not apply any RF gain to the first IF amp so it runs full tilt. I did try to clip-lead the gain control line to the 1st IF cathode, but I found the oscillator started pulling with the gain level. (I could imagine several OTs saying 'yup, we tried that too. Don't work, does it?' at that moment!) I will play some more with this time-honored hookup and see if I can get it working better. Right now I am just about ready to fire up my first regen rx so I am putting all available time into that project.

Anybody seen any 9V batteries on sale anywhere?

Now to get rid of this fever....

73 and ZUT.....
Conard ws4s

Conard Murray WS4S NNN0UTN conard@tnitech.campus.mci.net
217 Dyer Avenue BA/GB net 1802.5/3579.5/7050 KHz
Cookeville, Tn 38501
615-526-4093

- LICENSED ONLY TO EXTENT INDICATED ON CARTON -

Date: Tue, 15 Oct 1996 17:57:31 GMT
From: bry@mnsinc.com (Bry)
To: glowbugs@theporch.com
Subject: Re: Need schematic for 6L6 or 6V6 homebrew transmitter
Message-ID: <199610152055.QAA00224@user2.mnsinc.com>

Guys - we HAVE to recruit this guy to Glowbugs, he he!
How about encouraging him?!

On 12 Oct 1996 20:51:44 GMT, Gordon Gekko = gekko@nwlink.com inscribed eloquently:

|>Maybe someone out there can help me out. I once built a 6L6 transmitter
|>(single tube) for 40 meters and had a ball with it. I'd like to do it
|>again, but I can't put my hands on the schematic. Since I have a number
|>of 6L6 and 6V6 tubes, I want to use one of those (realizing, of course,
|>there is a power difference between the two). I believe the one I built
|>even had a PI tank output for a 50 ohm antenna. Any low power (5 to
|>25 watts) rig for 40meters or higher that can tune a 50 ohm load would
|>be perfect. I have a lot of my old novice Xtals plus a VFO to boot.

|>If you have an old QST, 73, or CQ article with such a project, maybe I
|>could get you to fax it to me?? Or maybe scan it and email it if
possible??

|>Please email if you can help.

|>Thanks

|>Gordon

Tagline: Obligatory witticism or other comment at end of a message.
Why do we like to do these things? To relieve stress of course!

Date: Wed, 16 Oct 1996 09:07:55 +0000
From: "Brian Carling" <bry@mail1.mnsinc.com>
To: glowbugs@theporch.com
Subject: RANDY, W4WYT
Message-ID: <199610161606.MAA23183@user2.mnsinc.com>

Say Randy, I think I lost track of you!

I wa going to look for your e-mail address to thank you and to
discuss plans for a tube type transmitter here.

Hoever, I see that I am missing your e-mail address.

Please drop me a note about how to get in touch.

Thanks & 73 de AF4K
Brian Carling in Gaithersburg, Maryland, USA
bry@mnsinc.com
<http://www.mnsinc.com/bry/>

End of GLOWBUGS Digest 322
